



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H111426

Mode: Highway

Status: Submitted

NC-41

From/Cross Street: NC 111

Specific Improvement Type: 16 - Modernize Roadway

To: NC 24 in Beulaville

Project Category: Regional Impact

Length: 6.47

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$7,182,000

Description:

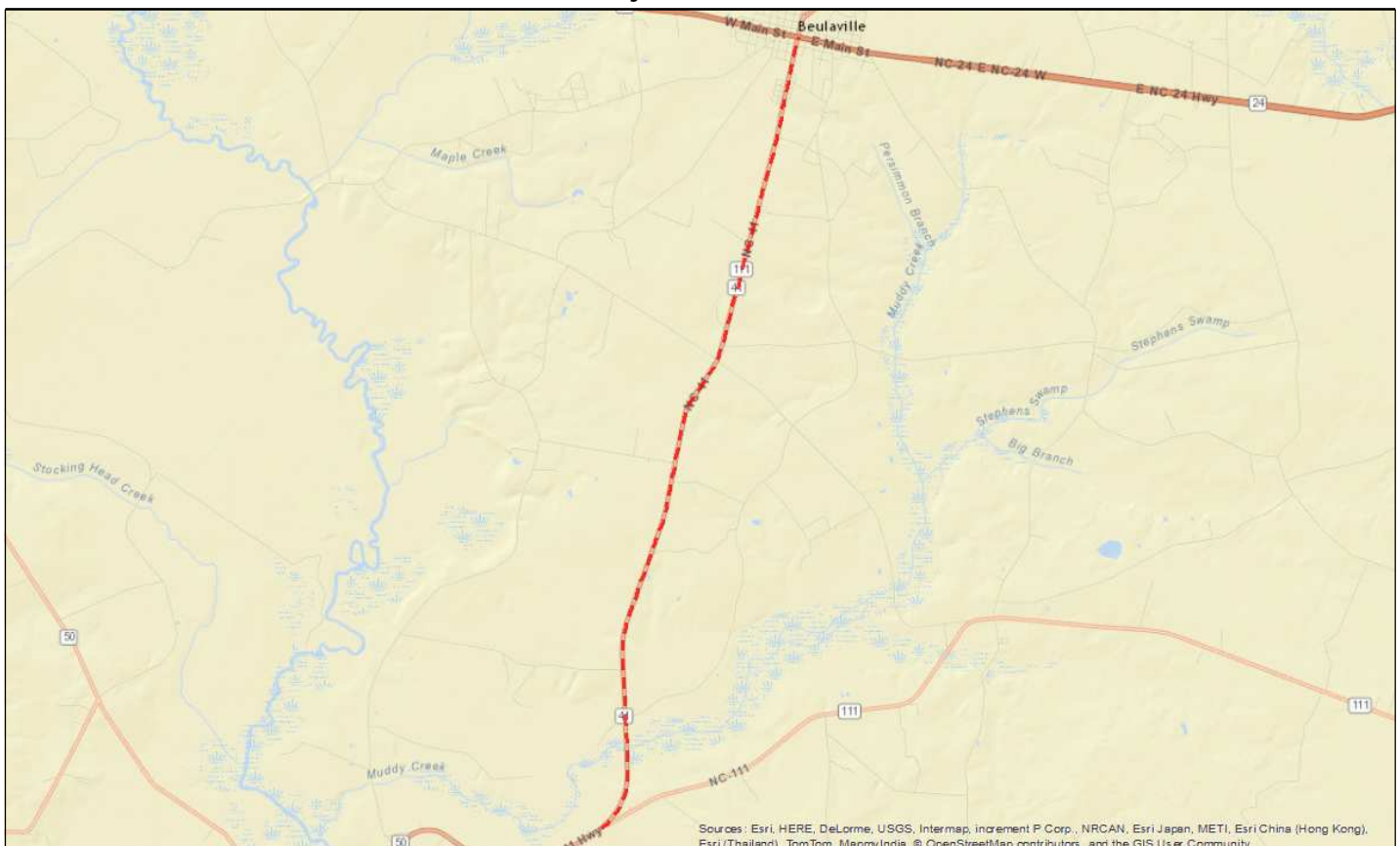
Widen to 24 Feet with Paved Shoulders and Turn Lanes Where Necessary

Division(s): Division 3

County(s): DUPLIN

MPOS(s)/RPO(s): East Carolina RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 30.79

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 66.14	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 2.42	Points: 0	Points: 91
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 17.14		

Division Needs Total Score: 40.18

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 22.30	Percent: 25%	Percent: 25%
Safety (20%) 66.14	Points: 0	Points: 89
Multimodal + [Freight & Military] (10%) 2.42		
Totals: Weight: 50% Weighted Score: 17.93		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	53
Length (miles):	6.47
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	5230.08
Capacity:	15525.23
Volume/Capacity Ratio:	0.34
% Autos:	91%
% Trucks:	9%
Truck Volume:	483.35
Crash Density:	73.95
Crash Severity:	66.08
Critical Crash Rate:	58.4
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	27
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	96
Actual Congested Speed:	47.98
Travel Time Index:	1.11

Project Benefits

Project Cross-Section:	
Speed Limit:	53
Length (miles):	6.47
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
East Carolina RPO	100%	91	89
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		91	89

Project Cost and Source

Construction Cost:	\$7,182,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$7,182,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$7,182,000	